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**Notes:**

1. Untranslatable words are replaced with asterisks (\*\*\*\*).
2. Texts in the figures are not translated and shown as it is.

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Dictionary: Last updated 12/14/2007 / Priority: 1. Electronic engineering / 2. Manufacturing/Quality / 3. Technical term

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## FULL CONTENTS

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### [Claim(s)]

[Claim 1] A mother's body air diffuser hole and a child object air diffuser hole are adjoined and established in the air diffuser part of the main part of an ocarina which separated the partition and formed the mother's body resonance part and the child object resonance part. 2 octave ocarina characterized by preparing the scale regulation hole which forms a mother's body mouthpiece hole and a mother's body scale hole in said mother's body resonance part, forms a child object mouthpiece hole and a child object scale hole in said child object resonance part, respectively, and generates the compass on 1 octave to the compass of said mother's body resonance part in said child object resonance part.

[Claim 2] The length of the child object scale hole formation part of a child object resonance part is 2 octave ocarina according to claim 1 which is about 10cm.

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### [Detailed Description of the Invention]

#### [0001]

[Field of the Invention] This invention relates to the ocarina with which the compass of two octaves can be taken out correctly, larger compass can be played, and beginners can also enjoy music broadly since fingering is easy.

#### [0002]

[Description of the Prior Art] As for the ordinary ocarina, the mouthpiece penetration hole and the mouthpiece penetration hole consisted of one and one resonance cavity which has ten scale adjustment holes, respectively, and one octave was a limit. Therefore, in one ocarina, in order to have completed only the narrow performance of compass but to have carried out the large performance of compass rather than it, there was inconvenient [ which must be performed while exchanging by turns the ocarina of two size with which compasses differ ].

[0003] 2 octave ocarina which formed the child object ocarina which has the resonance cavity of the compass of 1 octave loud-sound stage in the upper wall part of the mother's body ocarina which has the resonance cavity of the usual size is indicated by JP,H1-42143,Y to such a problem.

#### [0004]

[Problem to be solved by the invention] However, since a scale adjustment hole was prepared at a narrow gap, fingering which plugs up a hole with a finger according to a scale was difficult, the music of

quick tempo could not be followed in such a small child object ocarina in fingering, but the quite advanced technique was required of it.

[0005] The ocarina of this invention solves the problem and offers 2 octave ocarina which is easy and enabled it to blow fingering on anyone.

[0006]

[Means for solving problem] In order to solve said technical problem, [ 2 octave ocarina of this invention ] A mother's body air diffuser hole and a child object air diffuser hole are adjoined and established in the air diffuser part of the main part of an ocarina which separated the partition and formed the mother's body resonance part and the child object resonance part. A mother's body mouthpiece hole and a mother's body scale hole are formed in said mother's body resonance part, a child object mouthpiece hole and a child object scale hole are formed in said child object resonance part, respectively, and the scale regulation hole which generates the compass on 1 octave to the compass of said mother's body resonance part in said child object resonance part is prepared. The length of the child object scale hole formation part of said child object resonance part shall be about 10cm.

[0007]

[Mode for carrying out the invention] In this invention, in a mother's body resonance part, have 11 scale holes, make this into bass, this mother's body is made to take charge of the scale of half one octave, and then a child object is connected to mother's body left-hand side. A scale regulation hole is established in a child object bottom, and eight scale holes are established in a child object main part. Let this be treble. Thereby, the scale of two octaves becomes possible. Although the mother's body air diffuser hole, a mouthpiece hole and a child object air diffuser hole, and the mouthpiece hole are separate and an appearance top is one ocarina, two ocarinas are connected inside. In order to adjust the scale of a child object resonance part by a scale regulation hole, the ratio in particular of the capacity of a child object resonance part and a mother's body resonance part is not specified, but let the about size which is the grade in which the child object scale hole of one row established in a child object resonance part does not crowd, for example, about 10cm, be a standard.

[0008]

[Working example] It explains concretely, referring to the work example which shows this invention to Drawings hereafter. As for the front view of the work example of this invention, and drawing 2 , a bottom view and drawing 4 of the rear elevation and drawing 3 are [ drawing 1 ] top views. In these figures, the partition to which 1 isolates a mother's body resonance part, 2 isolates a child object resonance part, and 3 isolates both resonance parts, and 4 are the scale regulation holes established in the bottom of the child object resonance part 2. This scale regulation hole 4 is 1 octave raising \*\*\*\*\* to the mother's body resonance part 1 about the scale of the child object resonance part 2. [ if this scale regulation hole 4 is not formed, must make smaller capacity of the child object resonance part 2 at 1 octave \*\*\*\*\* , the gap of a scale hole will become narrow too much, and fingering will become difficult, but ] The scale regulation hole 4 has realized the child object resonance part 2 of comparatively big capacity which is the grade in which the child object scale holes 42-49 of one row do not crowd.

[0009] Each hole is explained hereafter. 11 -- the air diffuser hole for the mother's bodies, and 12 -- a mother's body mouthpiece hole and 21 -- a child -- the body and its function -- an air diffuser hole and 22 -- a child -- the body and its function -- it is a mouthpiece hole. 31-41 are mother's body scale holes, and 42-49 are child object scale holes. 31 -- RA and 32 -- Si and 33 -- RE and 34 -- MI and 35 -- FA and 36 -- SO and 37 -- RA and 38 -- Si and 39 -- DO and 40 -- RE and 41 -- MI and 42 -- FA and 43 -- as for

RA and 47, SO and 45 are [ 49 ] DO under Si's half step Si and 48 46 on the half step of SO 44 on the half step of FA.

[0010]

[Effect of the Invention] As explained above, according to this invention, a mother's body air diffuser hole and a child object air diffuser hole are adjoined and established in the air diffuser part of the main part of an ocarina which separated the partition and formed the mother's body resonance part and the child object resonance part. Form a mother's body mouthpiece hole and a mother's body scale hole in said mother's body resonance part, and a child object mouthpiece hole and a child object scale hole are formed in said child object resonance part, respectively. The arrangement of the child object scale hole of the gap which is the grade which can place a finger by having prepared the scale regulation hole which generates the compass on 1 octave to the compass of said mother's body resonance part in said child object resonance part was attained, and since fingering was easy, beginners could also blow the music of wide range compass freely.

[Brief Description of the Drawings]

[Drawing 1] It is the front view of the work example of this invention.

[Drawing 2] It is the rear elevation of the work example of this invention.

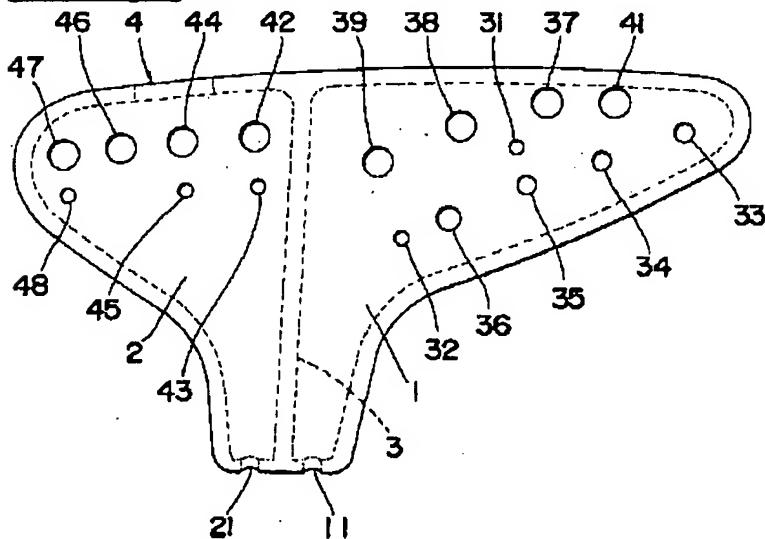
[Drawing 3] It is the bottom view of the work example of this invention.

[Drawing 4] It is the top view of the work example of this invention.

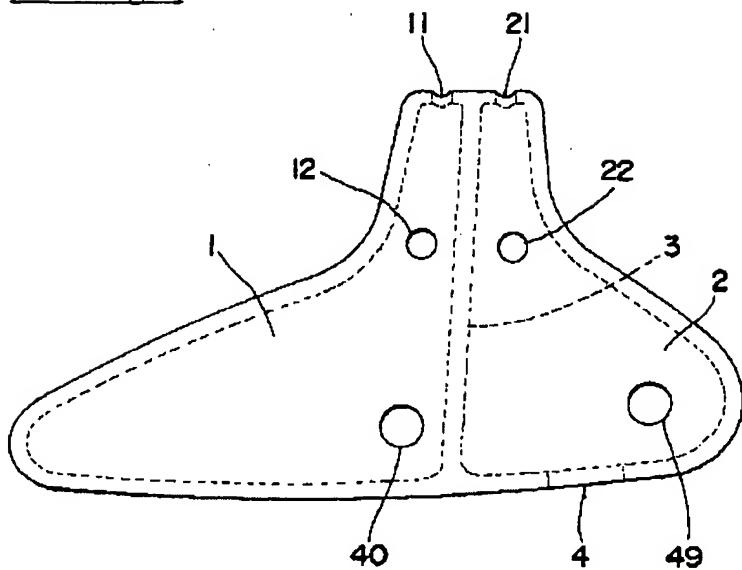
[Explanations of letters or numerals]

1 Mother's Body Resonance Part and 2 Child Object Resonance Part and 3 Partition and 4 Scale Regulation Hole and 11 Air Diffuser Hole for Mother's Bodies, and 12 Mother's Body Mouthpiece Hole and 21 Child -- Body and Its Function -- Air Diffuser Hole and 22 Child -- Body and Its Function -- Mouthpiece Hole, and 31-41 Mother's Body Scale Hole, and 42-49 Child Object Scale Hole

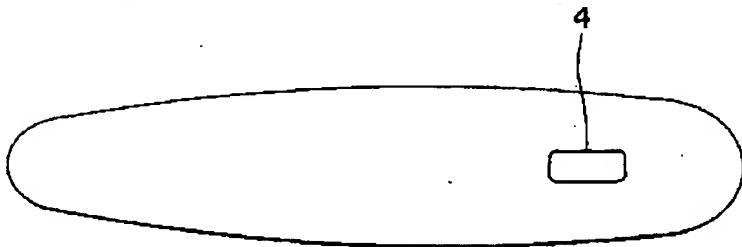
[Drawing 1]



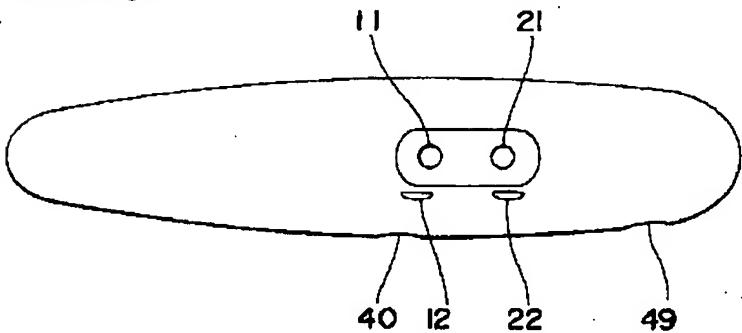
[Drawing 2]



[Drawing 3]



[Drawing 4]



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[Translation done.]